More Information: Email Amanda at education@wbaalas.org for more information or to sign up for the LAT Certification Study Course.

Eligibility: Individual Members are eligible to participate in the WBAALAS LAT Certification Study Course. Visit http://www.wbaalas.org/join/ to:

- Sign up for a Membership
- Add Individual Members under your current Institutional/Commercial Membership

Prerequisite(s): Must meet one of the following requirement categories:

- HS diploma or GED plus 3 years of laboratory animal science experience
- Any AA/AS degree plus 2 years of laboratory animal science experience
- Any BA/BS or higher degree plus 1 year of laboratory animal science experience
- ALAT certification plus HS diploma/GED or college degree plus 0.5 years laboratory animal science experience after receiving ALAT certification
- ALAT certification without HS diploma/GED or any college degree plus 2 years laboratory animal science experience after receiving ALAT certification

Veterinary clinics, zoos, pet stores, or other similar businesses or organizations do not meet the definition of a “laboratory animal facility”. However, experience in non-laboratory animal environments (up to 3 years) can be applied to the required work experience using the following equation:

\[
6 \text{ months work in non-lab environment} = 1 \text{ month of lab animal facility work experience}
\]

Course Description: American Association for Laboratory Animal Science (AALAS) certification serves as the industry standard for entry level qualification for those working with laboratory animals. This study course will supplement participant study for the Laboratory Animal Technician (LAT) certification examination. Outside reading and study will be required. Participants will be assisted through the application and scheduling process to sit for the certification exam. Upon completion of this course and independent study, participants should have adequate laboratory animal science knowledge and test taking skills to pass the LAT certification exam.

Method of Instruction: This program will use a blended learning format (where a portion of the traditional face-to-face instruction is replaced by web-based online learning).

There will be weekly reading assignments outside of class and all participants should have access to the study materials (see below).

Worksheets, quizzes, interactive modules, and videos will be completed through the online WBAALAS Learning Portal. A volunteer instructor from the Branch will evaluate materials submitted through the Learning Portal and make personalized recommendations for areas of further study.
Organizational facilitators will be granted some administrative rights within the [WBAALAS Learning Portal](https://www.wbaalas.com) in exchange for a commitment to host face-to-face study sessions for their course participants. Facilitators will be able to track and print reports on participant progress through the course. This beneficial feature enables organizational leaders to stay informed and address participant challenges as they arise.

**Required Study Materials:**


OR

Subscription to the AALAS Learning Library (ALL) [https://www.aalaslearninglibrary.org/](https://www.aalaslearninglibrary.org/)

**Optional Study Materials:**


Other resources as recommended by AALAS for study.

**Absence or Make-Up:**

Every effort will be made to adhere to the course schedule. However, in the event of extenuating circumstances, modules will be rescheduled as necessary. Class participation is voluntary. As such, if a participant is not available to participate, it is the individual’s responsibility to study the related material independently.

**AALAS Affiliation:**

This program has no direct affiliation with AALAS. The program is designed solely as a tool to prepare the participant for the AALAS LAT certification examination. There is no direct or implied guarantee of exam eligibility or success.

**Course Goals:**

The following are participant goals for the LAT Study Class program as outlined by AALAS:

- Describe the framework for animal research through oversight of research studies, the organization of an animal facility, and the management of the animal environment
- Describe aquatic animal health and environmental management
- Understand animal anatomy, physiology, genetics, and breeding
- Apply tools to perform common calculations in animal research
- Describe research and surgical techniques, including technical procedures, research methodologies, surgical support, administering and monitoring anesthesia, and animal care and monitoring during studies
- Describe classification and course of common animal diseases, the immune system response to disease, and the clinical signs of disease
- Identify emergencies likely to occur in animal facilities

Participants will meet the goals listed above by:

- Completing weekly reading assignments
- Completing weekly LAT Study Course worksheet and video assignments
Activity Outline: The following is an outline and brief description of weekly course activities:

- **Worksheets**
  
  Worksheets for each chapter will be included every week for participants to engage in focused practice of chapter concepts and principles. Worksheets will be submitted to the WBAALAS Learning Portal Instructor for evaluation and personalized feedback. Once submitted, the module will be marked as "complete" by the Instructor.

- **Test Taking Strategy Videos**
  
  Videos (each between 2 and 4 minutes in duration) are sprinkled throughout the 16-week course providing strategies that can be directly applied to practice quizzes and the certification exam. Participants will be asked view videos from the WBAALAS Learning Portal and to answer two simple questions about each video. Once answers are submitted, the module will be marked as "complete" by the Learning Portal Instructor.

- **Timed Test-Taking Practice**
  
  A timed multiple choice quiz will be included every week through the WBAALAS Learning Portal to get participants accustomed to using online test taking strategies. This test is not graded but results are provided immediately after completion. Participants will be able to retake the quiz an unlimited number of times.

- **Match Game Modules**
  
  Optional eLearning games will be available for participants on the WBAALAS Learning Portal for participant practice matching chapter terms with their definitions.

- **(varies by organization) Assorted Face-to-Face Activities**
  
  Face-to-Face and Hands-On activities may be scheduled and facilitated by leaders at each organization, but are not scheduled and facilitated by WBAALAS unless requested by a learning group manager. All activity materials and instructions will be provided to onsite facilitators through the WBAALAS Learning Portal. Working with partners and in teams should be emphasized to help each other learn.

  *Note: Facilitation of these hands-on activities is an excellent opportunity for leaders and leaders-in-training to make a significant impact on the development of their colleagues and co-workers.*